

MicroMark

Product Description

The MicroMark is a Class I laser marking station. The MicroMark is a **fully enclosed compact desktop system** fully CE and USA CDRH certified. The MicroMark comes with a convenient manual door and with viewing glass to allow a clear view of the marking field. The standard marking area of the machine is $\varnothing 140\text{mm}$ but it is possible to install lenses with a different focal length to increase the field from $\varnothing 87\text{mm}$ to $\varnothing 220\text{mm}$. The laser can be moved along the Z axis supporting work pieces up to 200 mm in height. The axis movement can be both manual and motorized with **integrated encoder** and completely programmable from the PC. The motorized Z axis offers a **Joystick** as well which together when used with the **SmartFocus** can increase productivity by providing quick focusing and alignment of area to be marked. The motorized z facilitates quick positioning and focus providing optimal marking on flat surfaces, cylindrical parts as well as **complex geometries with curves and varying angles**.



Additional Information

Working position	
Working plane dimensions	615 x 410
Max weight on the plane	40kg
Markable max height ($\varnothing 140\text{mm}$)	200mm
Available marking areas	$\varnothing 100, \varnothing 140, \varnothing 220$
Options which can be installed	rotating axis, direct rotating axis, tilting rotating axis, rotating head, drawer, side door
Type of laser	fiberfly, flyair, flyair green, fiberfly green, flyco2
Vision system	optional but not recommended

Type of engine	up to 2 motors with encoder
Joystick	a handle for control z axis
Type of door	manual folding door
Exhaust fan and filter	supplied by lasit which can be integrated
Pc and monitor	
DMX player	optional
Weight	100kg
Power supply	110 – 230 vac – 50hz
